

# **EAST Search History**

Interference  
10/075,722

| Ref # | Hits | Search Query   | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|------|--|----------|------------------|---------|------------------|
| L1    | 4330 | ((715/500,531,863) or (709/206, 207) or (382/187)).CCLS.   | US-PGPUB | OR               | OFF     | 2007/05/24 12:16 |
| L2    | 1018 | 1 and @ad<="20020214"  | US-PGPUB | OR               | OFF     | 2007/05/24 12:17 |
| L3    | 48   | 2 and (spam or unsolicit\$3 or unwanted\$3 or junk) near (e-mail\$3 or email\$3 or (electronic adj (mail\$3 or messag\$3)))                    | US-PGPUB | OR               | OFF     | 2007/05/24 12:18 |
| L4    | 45   | 2 and (spam or unsolicit\$3 or unwanted\$3 or junk) near (e-mail\$3 or email\$3 or (electronic adj (mail\$3 or messag\$3)) with checksum\$1)   | US-PGPUB | OR               | OFF     | 2007/05/24 12:18 |
| L5    | 0    | 2 and ((spam or unsolicit\$3 or unwanted\$3 or junk) near (e-mail\$3 or email\$3 or (electronic adj (mail\$3 or messag\$3))) with checksum\$1) | US-PGPUB | OR               | OFF     | 2007/05/24 12:18 |

03. 5/24/07

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 4330 | ((715/500,531,863) or (709/206, 207) or (382/187)).CCLS.   | US-PGPUB   | OR               | OFF     | 2007/05/24 12:19 |
| L2    | 1018 | 1 and @ad<="20020214"  | US-PGPUB   | OR               | OFF     | 2007/05/24 12:19 |
| L3    | 48   | 2 and (spam or unsolicit\$3 or unwanted\$3 or junk) near (e-mail\$3 or email\$3 or (electronic adj (mail\$3 or messag\$3)))                    | US-PGPUB   | OR               | OFF     | 2007/05/24 12:18 |
| L4    | 45   | 2 and (spam or unsolicit\$3 or unwanted\$3 or junk) near (e-mail\$3 or email\$3 or (electronic adj (mail\$3 or messag\$3)) with checksum\$1)   | US-PGPUB   | OR               | OFF     | 2007/05/24 12:18 |
| L5    | 0    | 2 and ((spam or unsolicit\$3 or unwanted\$3 or junk) near (e-mail\$3 or email\$3 or (electronic adj (mail\$3 or messag\$3))) with checksum\$1) | US-PGPUB   | OR               | OFF     | 2007/05/24 12:19 |
| L6    | 9019 | ((715/500,531,863) or (709/206, 207) or (382/187)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/05/24 12:19 |
| L7    | 5190 | 6 and @ad<="20020214"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/05/24 12:19 |
| L8    | 1    | 7 and ((spam or unsolicit\$3 or unwanted\$3 or junk) near (e-mail\$3 or email\$3 or (electronic adj (mail\$3 or messag\$3))) with checksum\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/05/24 12:20 |
| S1    | 763  | (715/531).CCLS.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                 | OR               | OFF     | 2007/05/24 12:15 |
| S2    | 2489 | (709/203).CCLS.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                                 | OR               | OFF     | 2005/01/15 13:53 |

## EAST Search History

|     |       |   |  |    |     |                  |
|-----|-------|---|--|----|-----|------------------|
| S3  | 671   | (709/204).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/15 13:53 |
| S4  | 413   | (709/205).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/15 13:53 |
| S5  | 1032  | (709/206).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:18 |
| S6  | 48516 | ((e adj mail\$1) or email\$1 or<br>(electronic near (mail\$1 or<br>messag\$3)))   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/15 13:55 |
| S7  | 2075  | S6 and (unwanted or unsolicit\$3 or<br>junk or spam\$4)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/16 14:21 |
| S8  | 1777  | S7 and (detect\$3 or locat\$3 or<br>find\$3 or identify\$3 or remov\$3 or<br>catagoriz\$3 or eliminat\$3)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/15 13:57 |
| S9  | 1579  | (detect\$3 or locat\$3 or find\$3 or<br>identify\$3 or remov\$3 or<br>catagoriz\$3 or eliminat\$3) same ((e<br>adj mail\$1) or email\$1 or (electronic<br>adj (mail\$1 or message\$1)) or<br>message\$1) same (unsolicit\$3 or<br>unwant\$3 or spam\$4 or junk or<br>bad) | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/15 13:59 |
| S10 | 430   | S9 and ((check adj sum\$1) or<br>checksum\$1 or (digital adj<br>signature) or (cyclic adj redundancy<br>adj check) or CRC or MD5)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/15 14:02 |
| S11 | 269   | S10 and (dictionar\$3 or database\$1<br>or (data adj base\$1))  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/15 14:03 |
| S12 | 49882 | ( ((check adj sum\$1) or<br>checksum\$1) or (digital adj<br>signature) or (cyclic adj redundancy<br>adj check) or CRC or MD5)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/16 14:21 |
| S13 | 3917  | S12 and (unwanted or unsolicit\$3 or<br>junk or spam\$4)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/16 14:24 |

## EAST Search History

|     |       |  |  |    |     |                  |
|-----|-------|--|--|----|-----|------------------|
| S14 | 453   | S13 and ((electronic near (mail\$3 or messag\$3)) or email\$3 or (e adj mail\$3))  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/16 14:23 |
| S15 | 55696 | (detect\$3 or eliminat\$3 or remov\$3) same (unwanted or unsolicit\$3 or junk or spam\$4)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/16 14:24 |
| S16 | 92    | S14 and ((detect\$3 or eliminat\$3 or remov\$3) same (unwanted or unsolicit\$3 or junk or spam\$4))  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/16 14:27 |
| S17 | 125   | S14 and ((detect\$3 or eliminat\$3 or remov\$3 or identify\$3) same (unwanted or unsolicit\$3 or junk or spam\$4))   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/16 14:27 |
| S18 | 226   | S14 and ((detect\$3 or eliminat\$3 or remov\$3 or identify\$3 or process\$3) same (unwanted or unsolicit\$3 or junk or spam\$4))   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/16 14:36 |
| S19 | 23    | ("5057935"   "5093918"   "5109519"   "5113393"   "5125075"   "5283856"   "5377354"   "5555346"   "5619648"   "5627764"   "5632018"   "5634005"   "5724567"   "5765033"   "5765178"   "5802253").PN. OR ("6453327").URPN. | US-PGPUB;<br>USPAT;<br>USOCR               | OR | OFF | 2005/01/16 14:29 |
| S20 | 1     | S19 and ((check adj sum\$1) or checksum\$1)  | US-PGPUB;<br>USPAT;<br>USOCR               | OR | OFF | 2005/01/16 14:34 |
| S21 | 200   | S18 and (forward\$3 or header\$1 or ((end adj of adj line) or eol))  | US-PGPUB;<br>USPAT;<br>USOCR               | OR | OFF | 2005/01/16 14:38 |
| S22 | 4     | S18 and ((remov\$3 or filter\$3) near (forward\$3 or header\$1 or ((end adj of adj line) or eol)))   | US-PGPUB;<br>USPAT;<br>USOCR               | OR | OFF | 2005/01/16 14:43 |
| S23 | 243   | S14 and ((detect\$3 or eliminat\$3 or remov\$3 or identify\$3 or process\$3) same (unwanted or unsolicit\$3 or junk or spam\$4 or bulk))   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/16 14:37 |
| S24 | 217   | S23 and (forward\$3 or header\$1 or ((end adj of adj line) or eol))  | US-PGPUB;<br>USPAT;<br>USOCR               | OR | OFF | 2005/01/16 14:38 |
| S25 | 4     | S24 and ((remov\$3 or filter\$3) near (forward\$3 or header\$1 or ((end adj of adj line) or eol)))   | US-PGPUB;<br>USPAT;<br>USOCR               | OR | OFF | 2005/01/16 14:43 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S26 | 4     | S18 and (remov\$3 or filter\$3) near (header\$1)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/01/16 14:55 |
| S27 | 4     | S18 and (remov\$3 or filter\$3 or eliminat\$3 or edit\$3) near (header\$1)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/01/16 14:57 |
| S28 | 1     | S18 and (remov\$3 or filter\$3 or eliminat\$3 or edit\$3) near (header\$1 and forward\$3)                          | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/01/16 15:02 |
| S29 | 74    | (remov\$3 or eliminat\$3) near spam  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/01/16 15:22 |
| S30 | 2550  | (remov\$3 or eliminat\$3) near header\$1   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/01/16 15:22 |
| S31 | 99    | ((remov\$3 or eliminat\$3) near header\$1) and (email\$1)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/01/16 15:22 |
| S32 | 49970 | ((check adj sum\$1) or checksum\$1) or (digital adj signature) or (cyclic adj redundancy adj check) or CRC or MD5) | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/01/18 08:55 |
| S33 | 1865  | S32 and ((electronic adj (mail\$1 or messag\$3)) or email\$3)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/01/18 09:07 |
| S34 | 1764  | S33 and (@AD<="20020214")  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/01/18 08:56 |
| S35 | 77923 | ((check adj sum\$1) or checksum\$1) or (digital adj signature) or (cyclic adj redundancy adj check) or CRC or MD5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 09:06 |
| S36 | 1865  | S32 and ((electronic adj (mail\$1 or messag\$3)) or email\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 09:00 |
| S37 | 1764  | S33 and (@AD<="20020214")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 08:57 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S38 | 409  | S37 and (unsolicit\$3 or unwanted\$3 or junk or spam\$4 or bulk)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 09:05 |
| S39 | 23   | ("5057935"   "5093918"   "5109519"   "5113393"   "5125075"   "5283856"   "5377354"   "5555346"   "5619648"   "5627764"   "5632018"   "5634005"   "5724567"   "5765033"   "5765178"   "5802253").PN. OR ("6453327").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/01/18 09:00 |
| S40 | 22   | S39 and ((electronic adj (mail\$1 or messag\$3)) or email\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 09:00 |
| S41 | 0    | S40 and ((edit\$3 or remov\$3 or pars\$3 or clean\$3) near (head\$4 or "To" or "From"))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 09:02 |
| S42 | 1    | S40 and ((edit\$3 or remov\$3 or pars\$3 or clean\$3) near5 (head\$4 or "To" or "From"))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 09:02 |
| S43 | 3929 | 709/206  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 09:05 |
| S44 | 2457 | (709/206).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 09:05 |
| S45 | 205  | S44 and (((check adj sum\$1) or checksum\$1) or (digital adj signature) or (cyclic adj redundancy adj check) or CRC or MD5)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 09:06 |
| S46 | 61   | S33 and S45  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/01/18 09:07 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S47 | 1033 | (709/206).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/01/18 14:18 |
| S48 | 43   | S47 and ((remov\$3 or eliminat\$3 or rid\$4 or kill\$3 or edit\$3 or cut\$4) same (spam or unsolict\$3 or unwanted\$3 or junk or bulk))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:37 |
| S49 | 86   | (715/752).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:22 |
| S50 | 1107 | S47 or S49  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:22 |
| S51 | 47   | S50 and ((remov\$3 or eliminat\$3 or rid\$4 or kill\$3 or edit\$3 or cut\$4) same (spam or unsolict\$3 or unwanted\$3 or junk or bulk))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:05 |
| S52 | 97   | ("6321267" "5999932" "6167435" "6401239" "6574658" "6697462" "6161130" "6052709" "5999600" "6546416" "6167434" "6393465" "6421709" "6769016" "6842628" "6219818" "6219818" "5898836" "5978837" "6192114" "6691156" "6772196" "6260148" "6493007" "6035104" "6779021" "6356935" "6185599" "6708205" "6324569" "6487586" "6701347" "6757713" "6643686" "5905777" "6249805" "6591291" "6073167" "4962532" "6725429" "6266692" "6732154" "6370139" "5984178" "6279826" "6484197" "6317592" "6023723" "6199102" "6157630").pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:37 |
| S53 | 61   | S52 and ((spam or unsolict\$3 or unwanted\$3 or junk or bulk))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:19 |
| S54 | 2    | ("6167434").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:42 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S55 | 2    | ("6023723").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:07 |
| S56 | 2    | ("6161130").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:18 |
| S57 | 563  | (709/207).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:18 |
| S58 | 1502 | S47 or S49 or S57   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:18 |
| S59 | 258  | S58 and ((spam or unsolicit\$3 or<br>unwant\$3 or junk or bulk))                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:25 |
| S60 | 209  | S59 and ((electronic adj (mail\$3 or<br>messag\$3)) or email\$3)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:20 |
| S61 | 157  | S60 and (database\$1 or (data adj<br>base\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:20 |
| S62 | 28   | S61 and (checksum\$1 or (check adj<br>sum\$1) or md5 or crc)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:23 |
| S63 | 66   | S61 and (checksum\$1 or (check adj<br>sum\$1) or md5 or crc or<br>signature\$1 or token\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:21 |
| S64 | 1    | S61 and ((checksum\$1 or (check adj<br>sum\$1) or md5 or crc) near<br>(database\$1))        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:23 |



## EAST Search History

|     |      |                                    |   |    |     |                  |
|-----|------|------------------------------------|---|----|-----|------------------|
| S65 | 209  | S59 and S60                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:25 |
| S66 | 156  | S65 and @ad<="20020214"            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S67 | 3    | S66 and (remov\$3 near header\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:28 |
| S68 | 12   | S66 and (remov\$3 near5 header\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:35 |
| S69 | 6    | S66 and backward\$3                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:35 |
| S70 | 2    | ("6023723").PN.                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 07:51 |
| S71 | 2    | ("6732157").PN.                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 08:02 |
| S72 | 2    | (paragraph adj hash\$3)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 08:03 |
| S73 | 2    | ("6477551").PN.                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 08:03 |
| S74 | 1033 | (709/206).CCLS.                    | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/01/19 08:16 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S75 | 86   | (715/752).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S76 | 563  | (709/207).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S77 | 1502 | S74 or S75 or S76   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S78 | 258  | S77 and ((spam or unsolict\$3 or<br>unwant\$3 or junk or bulk))                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S79 | 209  | S78 and ((electronic adj (mail\$3 or<br>messag\$3)) or email\$3)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S80 | 209  | S78 and S79   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S81 | 156  | S80 and @ad<="20020214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S82 | 19   | S81 and (checsum\$1 or md2 or md4<br>or md5 or crc or (cyclic adj<br>redundancy))                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 08:26 |
| S83 | 19   | S81 and (checsum\$1 or md2 or md4<br>or md5 or sha or crc or (cyclic adj<br>redundancy))            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 08:26 |
| S84 | 22   | S81 and (checsum\$1 or md2 or md4<br>or md5 or sha or crc or (cyclic adj<br>redundancy) or hash\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 08:54 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S85 | 1    | ("6842773").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 09:03 |
| S86 | 2    | ("6453327").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 10:49 |
| S87 | 1    | ("6,829,635").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/19 10:49 |
| S88 | 5135 | (bulk\$1 or unsolicit\$3 or spam\$4)<br>same (email\$3 or e-mail\$3 or<br>(electronic\$4 near mail\$4 or<br>messag\$3))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/26 13:42 |
| S89 | 1532 | (identify\$3 or locat\$3 or remov\$3 or<br>delet\$3 or filter\$3) same ((bulk\$1 or<br>unsolicit\$3 or spam\$4) same<br>(email\$3 or e-mail\$3 or<br>(electronic\$4 near mail\$4 or<br>messag\$3))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/26 13:53 |
| S90 | 582  | S89 and @ad<="20010124"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/26 13:53 |
| S91 | 770  | (715/531).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/04/28 11:37 |
| S92 | 2639 | (709/203).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/04/28 11:37 |
| S93 | 695  | (709/204).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/04/28 11:37 |
| S94 | 428  | (709/205).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/04/28 11:37 |

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S95      | 1071 | (709/206).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/04/28 11:37 |
| S96      | 5023 | S91 or S92 or S93 or S94 or S95   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 11:37 |
| S97      | 4882 | S96 and @ad<="20020214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 11:39 |
| S98      | 476  | S97 and ((error\$1 near detect\$3) or<br>checksum\$1 or (check adj sum\$1)<br>or CRC or (cyclic adj redundanc\$3))                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 11:41 |
| S99      | 11   | S98 and (remov\$3 near head\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 11:43 |
| S10<br>0 | 151  | S98 and ((remov\$3 near head\$4) or<br>filter\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 11:43 |
| S10<br>1 | 6    | S98 and ((remov\$3 near head\$4)<br>and filter\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 11:47 |
| S10<br>2 | 1    | S98 and (filter\$3 near (header\$1 or<br>non-static or EOL or (control adj<br>character\$1)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 11:50 |
| S10<br>3 | 9    | S98 and (filter\$3 near3 (header\$1<br>or non-static or EOL or (control adj<br>character\$1)))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 12:12 |
| S10<br>4 | 876  | (unsolicited or (un adj solicited) or<br>unwanted or spam\$4) near (email\$3<br>or (e adj mail\$3) or (electronic adj<br>(mail\$3 or messag\$3))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 12:14 |

## EAST Search History

|          |     |  |   |    |     |                  |
|----------|-----|--|---|----|-----|------------------|
| S10<br>5 | 0   | ((unsolicited or (un adj solicited) or unwanted or spam\$4) near (email\$3 or (e adj mail\$3) or (electronic adj (mail\$3 or messag\$3)))) and (filter\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 12:14 |
| S10<br>6 | 552 | ((unsolicited or (un adj solicited) or unwanted or spam\$4) near (email\$3 or (e adj mail\$3) or (electronic adj (mail\$3 or messag\$3)))) and (filter\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 12:14 |
| S10<br>7 | 7   | ((unsolicited or (un adj solicited) or unwanted or spam\$4) near (email\$3 or (e adj mail\$3) or (electronic adj (mail\$3 or messag\$3)))) and (filter\$3) and (remov\$3 near head\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 12:15 |
| S10<br>8 | 47  | ("4281215"   "4309569"   "4405829"   "4713780"   "4881264"   "4934846"   "4977595"   "5093918"   "5142577"   "5204961"   "5224164"   "5231668"   "5307412"   "5319710"   "5349649"   "5351293"   "5367573"   "5371796"   "5377354"   "5432852"   "5434918"   "5473691"   "5479514"   "5493692"   "5537475"   "5539826"   "5542046"   "5592553"   "5604803"   "5606668"   "5619648"   "5638446"   "5732137"   "5740361"   "5751813"   "5754659"   "5764772"   "5787178"   "5826022"   "5850446"   "5852665"   "5857022"   "5867578"   "5892904"   "5943426"   "5958051"   "6356935").PN. OR ("6615348").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/04/28 12:24 |
| S10<br>9 | 3   | S108 and (filter\$3 with remov\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 12:25 |
| S11<br>0 | 137 | ("5093918"   "5377354").PN. OR ("5619648").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/04/28 12:26 |
| S11<br>1 | 2   | US-6829635-\$.DID.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 15:13 |

## EAST Search History

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S11<br>2 | 8    | ("20020016824"   "20020016916"   "20020026634"   "5333266"   "5619648"   "6052709"   "6161130"   "6460036").PN. OR ("6829635").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/04/28 15:18 |
| S11<br>3 | 5    | S112 and (pars\$3 or strip\$4 or remov\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 15:19 |
| S11<br>4 | 0    | S112 and ((pars\$3 or strip\$4 or remov\$3) near head\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 15:19 |
| S11<br>5 | 1    | S112 and ((pars\$3 or strip\$4 or remov\$3) with head\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 15:21 |
| S11<br>6 | 2210 | (e-mail\$1 or email\$1 or (electronic near (mail\$4 or messag\$3))) and ((pars\$3 or strip\$4 or remov\$3) with head\$4)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 15:23 |
| S11<br>7 | 322  | (e-mail\$1 or email\$1 or (electronic near (mail\$4 or messag\$3))) same ((pars\$3 or strip\$4 or remov\$3) with head\$4)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 15:26 |
| S11<br>8 | 204  | (e-mail\$1 or email\$1 or (electronic near (mail\$4 or messag\$3))) with ((pars\$3 or strip\$4 or remov\$3) with head\$4)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 15:23 |
| S11<br>9 | 99   | S117 and (junk or spam or unsolicited or banner\$1 or advertisement\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 16:02 |
| S12<br>0 | 476  | (remov\$3 or sanitiz\$3) near (junk or spam or unsolicited or banner\$1 or advertisement\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 16:04 |
| S12<br>1 | 340  | S120 and @ad<="20020214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/28 16:04 |

## EAST Search History

|          |   |                     |  |    |     |                  |
|----------|---|---------------------|--|----|-----|------------------|
| S12<br>2 | 2 | ("6842773").PN.     | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/02 08:58 |
| S12<br>3 | 2 | ("6842733").PN.     | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:03 |
| S12<br>4 | 2 | ("6842773").PN.     | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:05 |
| S12<br>5 | 2 | ("6493007").PN.     | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:05 |
| S12<br>6 | 2 | ("6868498").PN.     | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:06 |
| S12<br>7 | 3 | ("6701440").PN.     | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:06 |
| S12<br>8 | 3 | ("6802012").PN.     | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:07 |
| S12<br>9 | 2 | ("6757830").PN.     | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:07 |
| S13<br>0 | 2 | ("6321267").PN.     | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:09 |
| S13<br>1 | 1 | ("20020129111").PN. | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:09 |
| S13<br>2 | 1 | ("20020016824").PN. | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:10 |
| S13<br>3 | 2 | ("6393465").PN.     | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:10 |

## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S13<br>4 | 1   | ("20020112008").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/05/16 13:11 |
| S13<br>5 | 1   | ("20020087641").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/05/16 13:11 |
| S13<br>6 | 1   | ("20010032245").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/05/16 13:11 |
| S13<br>7 | 2   | ("6868436").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/05/16 13:12 |
| S13<br>8 | 2   | ("6779021").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/05/16 13:12 |
| S13<br>9 | 2   | ("6772196").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/05/16 13:12 |
| S14<br>0 | 2   | ("6757713").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/05/16 13:13 |
| S14<br>1 | 2   | ("6732149").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/05/16 13:13 |
| S14<br>2 | 750 | (examin\$3 or scan\$4 or pars\$3)<br>near (email\$3 or (e adj mail\$3) or<br>(electronic adj (mail\$3 or<br>messag\$3)))                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:17 |
| S14<br>3 | 21  | S142 and backward\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 14:07 |
| S14<br>4 | 0   | (examin\$3 or scan\$4 or pars\$3)<br>near (email\$3 or (e adj mail\$3) or<br>(electronic adj (mail\$3 or<br>messag\$3))) near backward\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:18 |



## EAST Search History

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S14<br>5 | 0    | (examin\$3 or scan\$4 or pars\$3)<br>near (email\$3 or (e adj mail\$3) or<br>(electronic adj (mail\$3 or<br>messag\$3))) near3 backward\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:18 |
| S14<br>6 | 0    | (examin\$3 or scan\$4 or pars\$3)<br>near (email\$3 or (e adj mail\$3) or<br>(electronic adj (mail\$3 or<br>messag\$3))) with backward\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:18 |
| S14<br>7 | 0    | (examin\$3 or scan\$4 or pars\$3)<br>near (email\$3 or (e adj mail\$3) or<br>(electronic adj (mail\$3 or<br>messag\$3))) same backward\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:18 |
| S14<br>8 | 21   | (examin\$3 or scan\$4 or pars\$3)<br>near (email\$3 or (e adj mail\$3) or<br>(electronic adj (mail\$3 or<br>messag\$3))) and backward\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:59 |
| S14<br>9 | 2    | ("20020069218").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 13:59 |
| S15<br>1 | 2682 | (709/206).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 14:07 |
| S15<br>2 | 130  | S151 and (backward\$3 or (back<br>near front) or (top near bottom))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 14:14 |
| S15<br>3 | 30   | S152 and ((check adj sum\$4) or<br>checksum\$4 or signatur\$3 or crc)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 14:15 |
| S15<br>4 | 29   | S153 not (backward adj compatible)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 14:15 |
| S15<br>5 | 0    | S154 and attachement\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 14:16 |

## EAST Search History

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S15<br>6 | 20   | S154 and attachment\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/16 14:16 |
| S15<br>7 | 2    | ("6,829,635").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/19 09:58 |
| S15<br>8 | 2    | ("6,842,773").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/19 10:01 |
| S15<br>9 | 2705 | (709/206).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/19 10:01 |
| S16<br>0 | 1484 | S159 and (forward\$3 or ">")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/19 10:02 |
| S16<br>1 | 915  | S160 and @ad<="20020214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/19 10:02 |
| S16<br>2 | 25   | S161 and ((identify\$3 or recogniz\$3<br>or locat\$3 or remov\$3) near<br>(forward\$3 or ">")) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/19 10:03 |
| S16<br>3 | 7    | S162 and (spam\$4 or unsolicit\$3 or<br>unwant\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/19 10:04 |
| S16<br>4 | 2    | ("6,829,635").PN.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/05/27 12:01 |
| S16<br>5 | 6824 | (709/20\$).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/09/16 13:42 |

## EAST Search History

|          |       |  |   |    |     |                  |
|----------|-------|--|---|----|-----|------------------|
| S16<br>6 | 0     | ("l1and@ad<=20020214").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/09/16 13:42 |
| S16<br>7 | 6539  | S165 and @ad<="20020214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 13:47 |
| S16<br>8 | 13337 | ("380").CLAS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 13:47 |
| S16<br>9 | 10094 | S168 and @ad<="20020214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 13:57 |
| S17<br>0 | 42    | S169 and S167  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 13:48 |
| S17<br>1 | 2     | S170 and (spam\$4 or junk or<br>unsolicit\$3 or unwanted\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 13:53 |
| S17<br>2 | 554   | S167 and ((check adj sum\$4) or<br>checksum\$4 or CRC or (cyclic adj<br>redundancy) or md5)                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 13:57 |
| S17<br>3 | 103   | S172 and (spam\$4 or junk or<br>unsolicit\$3 or unwanted\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 13:56 |
| S17<br>4 | 567   | S167 and ((check adj sum\$4) or<br>checksum\$4 or CRC or (cyclic adj<br>redundancy) or md5 or sha)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 13:55 |
| S17<br>5 | 911   | S167 and ((check adj sum\$4) or<br>checksum\$4 or CRC or (cyclic adj<br>redundancy) or md5 or sha or<br>(hash\$3)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 13:55 |

## EAST Search History

|          |        |   |   |    |     |                  |
|----------|--------|---|---|----|-----|------------------|
| S17<br>6 | 234425 | l811same (spam\$4 or junk or unsolicit\$3 or unwanted\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 13:56 |
| S17<br>7 | 234425 | l11same (spam\$4 or junk or unsolicit\$3 or unwanted\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 13:56 |
| S17<br>8 | 304    | (spam\$4 or junk or unsolicit\$3 or unwanted\$3) same ((check adj sum\$4) or checksum\$4 or CRC or (cyclic adj redundancy) or md5)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 13:57 |
| S17<br>9 | 157    | S178 and @ad<="20020214"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 14:01 |
| S18<br>0 | 26     | S179 and ((electronic\$4 or text\$3) near5 (mail\$3 or messag\$3 or chat\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 14:12 |
| S18<br>1 | 25     | S180 and (strip\$4 or filter\$3 or pars\$3 or separat\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 14:13 |
| S18<br>2 | 10     | (US-20020016824-\$ or US-20020162025-\$ or US-20020095642-\$ or US-20030065941-\$).did. or (US-6058435-\$ or US-6115709-\$ or US-6654787-\$ or US-6421709-\$ or US-6330590-\$ or US-6460050-\$). did. | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/09/16 14:16 |
| S18<br>3 | 0      | S182 and invisible  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/16 14:17 |
| S18<br>4 | 3004   | spam\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/26 10:52 |

## EAST Search History

|          |      |  |   |    |     |                  |
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| S18<br>5 | 1737 | spam\$4 and ((electronic\$4 near (mail\$4 or messag\$4)) or email\$4 or e-mail\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/26 10:53 |
| S18<br>6 | 751  | spam\$4 and ((electronic\$4 near (mail\$4 or messag\$4)) or email\$4 or e-mail\$4) and (bulk\$3 or unsolicit\$3)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/26 10:53 |
| S18<br>7 | 565  | spam\$4 and ((electronic\$4 near (mail\$4 or messag\$4)) or email\$4 or e-mail\$4) and (bulk\$3 or unsolicit\$3) and (filter\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/26 10:54 |
| S18<br>8 | 184  | S187 and @ad<="20020214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/26 10:54 |
| S18<br>9 | 1    | S188 and (non near static\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/26 10:55 |
| S19<br>0 | 130  | S188 and (head\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/26 10:56 |
| S19<br>1 | 28   | S190 and ((check near sum\$4) or crc or (cyclic adj redundancy))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/26 11:05 |
| S19<br>2 | 16   | S191 and fingerprint\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/26 11:19 |
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| S19<br>5 | 1123 | (715/501.1).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/27 09:12 |
| S19<br>6 | 456  | S195 and @ad<="19990217"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/27 09:22 |
| S19<br>7 | 223  | S196 and ((creat\$3 or build\$3 or<br>construct\$3) with (web or html))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/27 09:56 |
| S19<br>8 | 12   | S196 and ((creat\$3 or build\$3 or<br>construct\$3) near ((web or html))<br>near (site\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/27 09:17 |
| S19<br>9 | 1    | S198 and ((creat\$3 or build\$3 or<br>construct\$3) near (director\$3 or<br>folder\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/27 09:18 |
| S20<br>0 | 30   | ("5479599"   "5481666"   "5546519"<br>  "5572643"   "5649186").PN. OR<br>("5890170").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/09/27 09:19 |
| S20<br>1 | 18   | S200 and @ad<="19990217"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/27 09:40 |
| S20<br>2 | 16   | ("5546517"   "5625781"   "5634062"<br>  "5701137"   "5727129"  <br>"5793966"   "5801702"   "5845290"<br>  "5890170"   "5903902"  <br>"5911145").PN. OR ("6148311").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/09/27 09:27 |

## EAST Search History

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| S20<br>4 | 11   | S203 and @ad<="19990217"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/27 09:40 |
| S20<br>5 | 53   | S196 and ((creat\$3 or build\$3 or construct\$3) with (director\$3 or folder\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/27 09:47 |
| S20<br>6 | 422  | S196 and (creat\$3 or build\$3 or construct\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/27 09:57 |
| S20<br>7 | 155  | S196 and ((creat\$3 or build\$3 or construct\$3) and ((web or www or (world adj wide adj web)) near5 site\$1))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/27 09:59 |
| S20<br>8 | 68   | S196 and ((creat\$3 or build\$3 or construct\$3) same ((web or www or (world adj wide adj web)) near5 site\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/27 10:00 |
| S20<br>9 | 18   | S208 and ((creat\$3 or build\$3 or construct\$3) same (folder\$1 or director\$3 or (sub adj director\$3) or hierarch\$3))                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/27 10:01 |
| S21<br>0 | 3003 | (709/206).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 10:18 |
| S21<br>1 | 0    | ("l1and@ad<=20020214").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 10:18 |

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| S21<br>2 | 1786   | S210 and @ad<="20020214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 10:34 |
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| S21<br>4 | 12     | S212 and ((remov\$3 or exclud\$3 or eliminat\$3) near (header\$1 or symbol\$1 or non-characters))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 10:27 |
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| S21<br>6 | 33     | S212 and ((remov\$3 or exclud\$3 or eliminat\$3) near3 (header\$1 or symbol\$1 or non-characters)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 10:27 |
| S21<br>7 | 8      | S216 and ((check adj sum\$4) or checksum\$4 or md5 or hash\$2 or signature\$1 or fingerprint\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 10:32 |
| S21<br>8 | 17     | S215 and ((check adj sum\$4) or checksum\$4 or md5 or hash\$2 or signature\$1 or fingerprint\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 10:35 |
| S21<br>9 | 101577 | (email\$3 or e-mail\$3 or electronic\$4 adj (mail\$3 or messag\$3))                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 10:34 |
| S22<br>0 | 59556  | S219 and @ad<="20020214"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 10:35 |
| S22<br>1 | 228    | S220 and ((remov\$3 or exclud\$3 or eliminat\$3) near (header\$1 or symbol\$1))                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 10:35 |



## EAST Search History

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| S22<br>2 | 127  | S221 and ((check adj sum\$4) or checksum\$4 or md5 or hash\$2 or signature\$1 or fingerprint\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 10:36 |
| S22<br>3 | 10   | S222 and (unsolicit\$3 or unwanted\$3 or bulk or spam\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 10:37 |
| S22<br>4 | 10   | S222 and (unsolicit\$3 or unwanted\$3 or bulk or spam\$4 or junk or UBE)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 10:56 |
| S22<br>5 | 2    | ("6,842,773").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 13:39 |
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| S23<br>0 | 702  | (709/207).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 13:40 |
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| S23<br>2 | 6617 | S226 S227 S228 S229 S230 S231 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 13:40 |
| S23<br>3 | 4613 | S232 and @ad<="20020214"      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 13:40 |
| S23<br>4 | 123  | S233 and spam                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/28 13:40 |
| S23<br>5 | 2    | ("6842733").PN.               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/05 08:54 |
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| S23<br>7 | 2    | ("6842773").PN.               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/08 11:17 |
| S23<br>8 | 1    | S237 and remov\$3             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/08 11:17 |

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1 [Extending the IP internet through address reuse](#)



Paul F. Tsuchiya, Tony Eng

January 1993 **ACM SIGCOMM Computer Communication Review**, Volume 23 Issue 1

**Publisher:** ACM Press

Full text available: [pdf\(964.99 KB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

The two most compelling problems facing the IP Internet are IP address depletion and scaling in routing. This paper discusses the characteristics of one of the proposed solutions---address reuse. The solution is to place Network Address Translators (Nat) at the borders of stub domains. Each Nat box has a small pool of globally unique IP addresses that are dynamically assigned to IP flows going through Nat. The dynamic assignment is coordinated with Domain Name Server operation. The IP addresses ...

2 [Paranoid penguin: intrusion detection for the masses](#)



Mick Bauer

July 2001 **Linux Journal**, Volume 2001 Issue 87

**Publisher:** Specialized Systems Consultants, Inc.

Full text available: [html\(28.18 KB\)](#) Additional Information: [full citation](#), [index terms](#)

3 [Strategic directions in electronic commerce and digital libraries: towards a digital](#)



[agora](#)

Nabil Adam, Yelena Yesha

December 1996 **ACM Computing Surveys (CSUR)**, Volume 28 Issue 4

**Publisher:** ACM Press

Full text available: [pdf\(244.34 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

4 [Technical Session: Supporting ubiquitous computing through directory enabled technologies](#)




Michael Richichi, Paul Coen

October 2001 **Proceedings of the 29th annual ACM SIGUCCS conference on User**

## services SIGUCCS '01

**Publisher:** ACM Press

Full text available:  [pdf\(285.27 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Drew has been providing computers to students since 1984. Many universities have ubiquitous computing programs where students receive a laptop computer as part of their educational package. These programs reduce the dependence on and management issues of traditional computer labs, and allow 24x7 computing access to every student at the University. Drew also provides Novell Directory Services (NDS) accounts to all of these students, and utilizes Novell ZENworks to customize software, personalize ...

**Keywords:** LDAP, ZENworks, directory services, eDirectory, laptop programs, management, ubiquitous computing


### 5 [Putting it together: the glue that binds the net](#)



Win Treese

September 1998 **netWorker**, Volume 2 Issue 4

**Publisher:** ACM Press

Full text available:  [pdf\(307.12 KB\)](#) Additional Information: [full citation](#), [index terms](#)

### 6 [Performance of checksums and CRC's over real data](#)



Jonathan Stone, Michael Greenwald, Craig Partridge, James Hughes

October 1998 **IEEE/ACM Transactions on Networking (TON)**, Volume 6 Issue 5

**Publisher:** IEEE Press

Full text available:  [pdf\(392.21 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** codes, internetworking


### 7 [Repository mirroring](#)



Eric Grosse

March 1995 **ACM Transactions on Mathematical Software (TOMS)**, Volume 21 Issue 1

**Publisher:** ACM Press

Full text available:  [pdf\(626.86 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Distributed administration of network repositories demands a low-overhead procedure for cooperating repositories around the world to ensure they hold identical contents. Netlib has adopted some refinements on the widespread scheme of anonymous ftp and s-R. Checksum files and two small C programs give an easily maintained system that copes with communication breakdowns and subtle changes in repository contents. The packaging of these C programs inside a shell pipeline provides an explicit co ...

**Keywords:** archives, checksum, distributed administration, electronic distribution, ftp

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**E-mail program capable of transmitting, opening and presenting a container having digital content ... - all 5 versions »**

RC Venkatraman, VMH Chern, S Nanja, H Gujarathi - US Patent 6,014,688, 2000 - Google Patents

... and perform the functional attributes that make up the **E-mail message**. ... **CHECKSUM** ... **LAUNCH**

APPLICATION 1PROCESS: GOTO URL 3PROCESS: SEND **EMAIL** 4CONDITIONAL DISPLAY ...

Cited by 34 - [Related Articles](#) - [Web Search](#)

[PS] **Drinking from the firehose: Multicast USENET news - all 8 versions »**

K Lidl, J Osborne, J Malcolm - Proceedings of the Usenix Winter Conference, 1994 - surfnat.nl

... Josh Osborne Joseph Malcolm **Email**: musemasters@uunet.uu.net ... MD5 - **Message Digest**

**Checksum** (RFC 1321) - Fast, cryptographically secure **checksum** ...

Cited by 44 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**Method and system for testing the operation of an electronic mail switch - all 2 versions »**

DJ Brouwer, NG Staats, DA Knox - US Patent 5,841,982, 1998 - Google Patents

... **EMAIL SWITCH** ... There may be some e-mail appli ... 6. The method as recited in claim 5 wherein

performing the loose **checksum** includes determining a second check number ...

Cited by 9 - [Related Articles](#) - [Web Search](#)

**Self-removing email verified or designated as such by a message distributor for the convenience of a ... - all 6 versions »**

JWL Ogilvie, GL Ogilvie - US Patent 6,487,586, 2002 - Google Patents

... 1-4. "Rules to filter **junk mail** in Microsoft Outlook ... **MAPS** Can Be a Roadblock to **E-Mail** Access, Wall ... print, radio, or television media, "**spam**" email seeks out ...

Cited by 11 - [Related Articles](#) - [Web Search](#)

**Formal development of secure email - all 9 versions »**

D Zhou, JC Kuo, S Older, SK Chin - System Sciences, 1999. HICSS-32. Proceedings of the 32nd ..., 1999 - [ieeeexplore.ieee.org](#)

... C++ code for a secure **electronic mail** system, Privacy ... each **message** is encapsulated in a plaintext **email message**. ... MIC functions like a secure **checksum** on the ...

Cited by 6 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**E-mail filter and method thereof - all 3 versions »**

WB McCormick, D Kopans, G Stojanoff - US Patent 6,421,709, 2002 - Google Patents

... filter is used employing **message** base filtering that is not effected by e-mail header forgery ... **FILTERED SPAM** Page 2. ... **CENTRALIZED EMAIL SYSTEM PROXY/MAIL SERVER** ...

Cited by 9 - [Related Articles](#) - [Web Search](#)



Generic Routing Encapsulation (GRE)

D Farinacci, T Li, S Hanks, D Meyer, P Traina - Request for Comments, 2000 - scit.wlv.ac.uk  
... Once this is determined, the Key, Sequence Number and **Checksum** fields if they contain valid information as indicated by the ... **Email:** stan@netsmiths.com. ...  
[Cited by 78](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

Method of processing an **E-mail message** that includes a representation of an envelope - all 3 versions »

RC Venkatraman, VMH Chern, S Nanja, H Gujarathi - US Patent 6,304,897, 2001 - Google Patents

... is directed towards a method of processing an **e-mail message** that includes a ...  
**CHECKSUM** ...  
APPLICATION 2PROCESS: GOTO URL 3PROCESS: SEND **EMAIL** 4CONDITIONAL  
DISPLAY ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

... NASA Astrophysics Data System: Free Access to the Astronomical Literature On-line and through **Email** - all 11 versions »

G Eichhorn, A Accomazzi, CS Grant, MJ Kurtz, SS ... - Astrophysics and Space Science, 2002 - Springer

... on slow or unreliable links, since the **email** system will ... **E Electronic** Article Links to the on-line version of ... **M Mail** Order Links to on-line document delivery ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

A note on redundancy in encrypted messages - all 3 versions »

L Gong - ACM SIGCOMM Computer Communication Review, 1990 - portal.acm.org

... **Email:** oravaxlli@cu-arpa.cs.cornell.edu ... does not issue weak (encryption or **checksum**)

keys — keys ... privacy in the Internet **electronic mail** protocol [Kent 89 ...

[Cited by 7](#) - [Related Articles](#) - [Web Search](#)

Access Revocation and Prevention of False Repudiation in Secure **Email Exchanges** - all 5 versions »

L Bai, R Achuthanandam, M Kam - Proceedings of the 5th International Symposium on Autonomous ..., 2001 - doi.ieeecs.org

... iv) Cryptographic **checksum** / Hash (IC ... The sending and receiving of **email** is tracked on both ... 262-265 [6] R. Drummond, N. Cox, "Lan Times **E-mail** Resource Guide ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

Filtering **unsolicited email**

GM Cooper - 2002 - freepatentsonline.com

... by further complicating the task of a **spam** emailer that ... secure\_isp.co- m randomization seed and **checksum** at 118 ... If it is not, the **email message** is rejected at ...

[Cached](#) - [Web Search](#)

**E-mail** service provider and method for filtering **unsolicited e-mail**

GM COOPER - EP Patent 1,223,527, 2002 - freepatentsonline.com

... **mail** service provider and method for filtering **unsolicited e-mail**. ... control data, randomization seed and **checksum** at 118 ... it is not, the **email message** is rejected ...

[Cached](#) - [Web Search](#)

... for distributing advertisements to client devices that have such **e-mail** software installed thereon - all 2 versions »

PE Jacobs, FP Antonio, S Dörner, JW Noerenberg, JK ... - 2001 - freepatentsonline.com

... It will appreciated that most casual **email** users download ... then, together with the RegName, the **checksum** can be ... the valid RegCode into the Eudora e-mail client. ...  
[Cached](#) - [Web Search](#)

**Secure Electronic Post Office - all 3 versions »**

MI Hsieh, O Hsia, K Wu - Security Technology, 2000. Proceedings. IEEE 34th Annual ..., 2000 - [ieeexplore.ieee.org](#)

... history record for future verification in a **SPAM (Unsolicited Bulk Email ... a Public Key Select GDB, and a Checksum GDB ... The SEPO Email GDB and Public Key Select GDB ...**

[Related Articles](#) - [Web Search](#)

**Keying hash functions for message authentication - all 33 versions »**

M Bellare, R Canetti, H Krawczyk - Advances in Cryptology-CRYPTO, 1996 - Springer  
... **E-mail:** [mihirCacs.ucsd.](#) ... **Email:** [USA.](#) **Email:** [canettistheory.1.cs.mit.](#) ... (Other terms used include "Integrity Check Value" or "cryptographic **checksum**"). ...

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**The Spam Battle 2002: A Tactical Update**

KA Krueger - SANS GSEC Practical, v1, 2002 - [sans.org](#)

... of view of the average Internet user, **email spam** is one of ... day spammers bombard millions

of addresses with **unsolicited** and **unwanted** advertisements, hawking ...

[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**A Bibliographic link between publishers of electronic resources and national bibliographic agencies: ...**

TC Noordemeer - Exploit interactive, 2000 - [exploit-lib.org](#)

... **BIBLINK.Checksum**, Hash value or **checksum** computed for ... HTML META tags from the **email**

**message** and embeds ... 2000 bibliographic records of **electronic** resources, 400 ...

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**Repository Mirroring - all 52 versions »**

E GROSSE - ACM Transactions on Mathematical Software, 1995 - [portal.acm.org](#)

... Words and Phrases: Archives, **checksum**, distributed administration, **electronic** ... Hill, NJ 07974-0636; **email:** [ehg@research](#) ... The **checksum** was implemented by James W ...

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**Internet environment and outsourcing**

D Salenger - International Journal of Network Management, 1997 - [portal.acm.org](#)

... **Email:** [dsalenger dtus.com](#) ... outsourcing are **e-mail** and WWW. Int. ... **checksum** of the original

Web page files, a com-pany can then automatically rerun the **checksum** ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Method and apparatus for electronic mail notification - all 3 versions »**

D Duphorne - US Patent 6,212,265, 2001 - Google Patents

... YES CO transmits **message** object to subscriber's CPE -4 ... 50 80 telco Email Mail Server

Fig. ... US 6,212,265 BI METHOD AND APPARATUS FOR ELECTRONIC MAIL NOTIFICATION ...

[Cited by 14](#) - [Related Articles](#) - [Web Search](#)

**Apparatus and method for electronic document certification and verification -**

all 4 versions »

M Zabetian - US Patent 6,327,656, 2001 - Google Patents

... encrypted passwords in the **electronic email** messages. ... used to implement any conventional

**checksum**, but the ... such as the 50 **electronic mail message**) comprises a ...

Cited by 6 - Related Articles - Web Search

**Electronic mail transfer agent with a persistent queue, and related method of operation**

W Huang - 2002 - freepatentsonline.com

... Current **email** systems try to alleviate this problem through ... 136N, which correspond to the **electronic mail** messages stored ... field 148, and a **checksum** field 150. ...

Cached - Web Search

Replica-aware caching for Web proxies - all 5 versions »

H Bahn, H Lee, SH Noh, S Lyul Min, K Koh - Computer Communications, 2002 - Elsevier

... Author Contact Information , **E-mail** The Corresponding ... proposed scheme, the MD5 **checksum**

together with ... Information Corresponding author; **email**: hyokyung@oslab ...

Cited by 14 - Related Articles - Web Search

[PS] Agent-mediated **message** passing for constrained environments - all 5 versions »

A Athan, D Duchamp - Proceedings of the Mobile and Location-Independent Computing ..., 1993 - guinness.cs.stevens-tech.edu

... **Email**, which can be divided into portions such as: important header elds, unimportant header elds, **message** summary, new versus quoted text, **checksum**, and ...

Cited by 48 - Related Articles - View as HTML - Web Search

Internet Environment and Outsourcing

L Sons - INTERNATIONAL JOURNAL OF NETWORK MANAGEMENT, 1997 - doi.wiley.com

... **Email**: dsalenger dtus.com ... outsourcing are **e-mail** and WWW. Int. ... **checksum** of the original

Web page files, a com- pany can then automatically rerun the **checksum** ...

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[PS] Fast Kernel Tracing: A Performance Evaluation Tool for Linux

RD Russell, M Chavan - Proceedings of the 19th IASTED International Conference on ..., 2001 - cs.unh.edu

... CHAVAN EMC Corporation 80 South Street Hopkinton, Massachusetts, USA **Email**: chavan

mrinalini@emc ... When the NIC calculates the **checksum**, the **message** is read ...

Cited by 10 - Related Articles - View as HTML - Web Search - BL Direct

Technical Solutions for Controlling **Spam** - all 5 versions »

S Hird - proceedings of AUUG2002, 2002 - stanford.edu

... using only content analysis, without collaborative **checksum**, blacklist or ... in the headers of the **email message**, such that ... a payment system could be **spam** that is ...

Cited by 12 - Related Articles - View as HTML - Web Search

[PS] NetBill Security and Transaction Protocol - all 24 versions »

B Cox, JD Tygar, M Sirbu - Proceedings of the First USENIX Workshop on **Electronic** ..., 1995 - usenix.org

... 528-8649 2. FAX: 510 548-5738 3. **Email**: office@usenix ... 5. C ⇒ M Signed **Electronic** Payment Order ... The customer returns the **checksum** to the merchant together with ...

[Cited by 248](#) - [Related Articles](#) - [Web Search](#)

[book] [Linux Firewalls - all 2 versions](#) »

R Ziegler, CB Constantine, RL Ziegler - 2001 - books.google.com

... in any form or by any means, **electronic** or mechanical ... **Email:**

stephanie.wall@newriders ...

Without precautions, **unwanted** intruders will enter in both cases, and it ...

[Cited by 37](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[Electronic transfer system and method - all 3 versions](#) »

BP Boesch, SD Crocker, DE Eastlake III, AS Hart Jr ... - US Patent 5,870,473, 1999 - Google Patents

... 29, 1995. "Secure **Electronic** Payment Protocol (SEPP)", Draft Ver -sion 1.2,

<http://www.mastercard.com/Sepp/sepptoc.html>, Nov. ... 150 **Message** data structure ...

**email** ...

[Cited by 18](#) - [Related Articles](#) - [Web Search](#)

[book] [Formal Verification of Security Properties of Privacy Enhanced Mail - all 4 versions](#) »

SK Chin, D Zhou, Syracuse University, Rome Air ... - 1998 - ecs.syr.edu

... repudiation services to plain text **email** on the ... Four key issues for secure **electronic mail** are identified ... a xed-length crypto- graphic **checksum** associated with a ...

[Cited by 4](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[Electronics information transmission](#)

YO Yu, HT Lu - 2001 - freepatentsonline.com

... 210 , such as "you have new **email**", can be ... provided by the use of the **checksum** word ...

the receiving terminal 230, 330(ie **electronic mail** identification receiving ...

[Cached](#) - [Web Search](#)

[Trapeze/IP: TCP/IP at Near-Gigabit Speeds - all 11 versions](#) »

A Gallatin, J Chase, K Yocum - Proceedings of 1999 USENIX Technical Conference, 1999 - usenix.org

... 1 510 528 8649 FAX: 1 510 548 5738 **Email:** office@usenix ... sockets, large packets with scatter/gather I/O, **checksum** offloading, **message** pipelining, and ...

[Cited by 72](#) - [Related Articles](#) - [Web Search](#)

[GCG: Assembly of Sequences into New Sequence Constructs - all 5 versions](#)

»

R Dölz - Computer Analysis of Sequence Data, Part I, 1994 - neurosci.humanapress.com

... USA Tel: (973) 256-1699 Fax: (973) 256-8341 **E-Mail:** humana@humanapr ... **Email** this link

to a friend ... Further, it is desirable to have a **checksum** stored somewhere that ...

[Cached](#) - [Web Search](#)

[RFC 1692 \(RFC1692\)](#)

S Graphics, ID Cohen, J Postel, TM Protocol - Transport, 1994 - faqs.org

... If an error is discovered in a **checksum** of a ... into the **message** under construction and the **message** being sent ... 908 222112 Fax: +44 908 222115 **EMail:** cameron@xylint ...

[Related Articles](#) - [Cached](#) - [Web Search](#)

[Request for Comments: 1692 Xylogics, International Ltd. Category:](#)

[Standards Track D. Crocker Silicon ...](#)

D Cohen, J Postel, TM Protocol - Transport, 1994 - rfc.net

... If an error is discovered in a **checksum** of a ... into the **message** under construction and the **message** being sent ... 908 222112 Fax: +44 908 222115 **E**Mail: cameron@xylint ...

[Related Articles](#) - [Cached](#) - [Web Search](#)

#### D. Cohen Myricom J. Postel ISI August 1994

TM Protocol - Transport, 1994 - rfc1692.x42.com

... If an error is discovered in a **checksum** of a ... into the **message** under construction and the **message** being sent ... 908 222112 Fax: +44 908 222115 **E**Mail: cameron@xylint ...

[Related Articles](#) - [Cached](#) - [Web Search](#)

#### Network Working Group P. Cameron Request for Comments: 1692 Xylogics, International Ltd. Category: ... - all 73 versions »

D Cohen, J Postel, TM Protocol - Transport, 1994 - graphcomp.com

... If an error is discovered in a **checksum** of a ... into the **message** under construction and the **message** being sent ... 908 222112 Fax: +44 908 222115 **E**Mail: cameron@xylint ...

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#### Distributed content identification system - all 3 versions »

MR Pace, BC Talley - US Patent 6,460,050, 2002 - Google Patents

... 115-119.\* Distributed **Checksum** Clearinghouse, various such pages ... comprises determining

whether said **email** is **SPAM**. ... deter -mining identifies said **e-mail** as **SPAM** ...

[Cited by 4](#) - [Related Articles](#) - [Web Search](#)

#### Dynamical Spacetimes and Numerical Relativity - all 4 versions »

NHF Beebe, MAH MacCallum, MAH MacCallum, MAH ... - SIGSAM} Bulletin, 1999 - math.utah.edu

... 47243 2567 9930 86821", %%% **email** = "beebe at ... is produced by Robert %%% Solovay's

**checksum** utility ... and automatic syntax error **message** generation.", } @Article ...

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#### Scenario-based unit testing for reliability - all 2 versions »

S Kuball, G Hughes, I Gilchrist - Reliability and Maintainability Symposium, 2002.

Proceedings ..., 2002 - ieeexplore.ieee.org

... UP 3. THE SOFTWARE EXAMPLE Reset First Separator Data-Byte **Message Checksum** Check-

Seq. no char. # #Space # hexa- #76 bytes #hexa- sum wrong ...

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#### Secure coprocessors in **electronic** commerce applications - all 15 versions »

B Yee, JD Tygar - ... The First USENIX Workshop on **Electronic** Commerce, New York, ..., 1995 - tygar.net

... after obtaining a cryptographic **checksum** (see discussion of ... **Electronic** currency and execution rights are subtypesof ... long been associated with **mail** (dating back ...

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#### EINet: a secure, open network for **electronic** commerce

D Rosenthal - Computer Security Applications Conference, 1994. Proceedings ..., 1994 - ieeexplore.ieee.org

... These networks provide on-line information, **electronic** mail, and file transfer services, but impose different user It)s and security procedures for each ...

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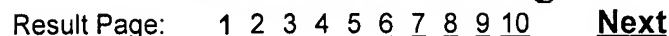
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